



**A DAILY VISUAL INSPECTION CONSISTS OF THE FOLLOWING**

INTL.

Check to see that both boom foot pins are properly secure with keeper bolts or pins. \_\_\_\_\_

Visually check to see that all boom splice bolts are in place. \_\_\_\_\_

Insure that working lines are properly reeved from the boom point sheaves to the hoist drum lagging. \_\_\_\_\_

Inspect all wire rope daily, looking for signs of corrosion, wear, kinking, crushing and unstranding, or other damage. \_\_\_\_\_

Insure that all rope guards are in place with the working lines in the proper position. \_\_\_\_\_

Visually inspect the boom hoist suspension rope, boom support pendants, bail assemblies, equalizer bridle and dead end hardware. \_\_\_\_\_

Visually inspect the boom hoist rope fleeting sheaves (if so equipped), guide sheaves, guards and rope for proper spooling on drums. \_\_\_\_\_

Visually inspect the outer shape of the boom chords. There should be no bends, kinks, or bows in the profile of the boom chords. Inspect from both sides of the crane from different angles and distances. Stand at the boom foot pin area and look toward the boom point and from the tip looking towards the boom foot.. Both lower chord angles should appear the same, symmetrically shaped all the way to the boom tip. \_\_\_\_\_

Visually check to see that all lacings are in place. Any missing, bent, or kinked lacings would require further inspection at this point. \_\_\_\_\_

**A WEEKLY VISUAL INSPECTION CONSISTS OF THE FOLLOWING**

**This inspection checklist is in addition to the daily inspection checklist.  
Do this with the boom lowered to the ground on proper blocking**

INTL.

Inspect the boom point sheaves and bushings for excessive wear. Lubricate as directed in the operator's manual. \_\_\_\_\_

Check the upper boom sheaves guards for proper fit with the outside of the points sheaves. Make sure all fasteners are in place. \_\_\_\_\_

Check boom point weldment at sheave axles for cracks and/or excessive wear. \_\_\_\_\_

Inspect the dead end connection, wedge socket and retaining pins for wear, cracks or any deformation. \_\_\_\_\_

Walk the entire boom from both sides. Visually inspect each main chord angle. Look at each weld where the lacings are connected to the chords. Note any cracks or wear marks at the welds, on the lacings or chord angles. Note any missing or damaged lacings. Note any deformation of any sort.....Sometimes flaking will be the only clue. \_\_\_\_\_

Inspect each of the boom splices connections. Refer to the operator's manual for proper torque value. \_\_\_\_\_

Inspect the bottom side of the boom chords in the "Open Throat" section for damages or distortion. \_\_\_\_\_

Inspect the inner and outer bail sheaves, equalizer bars, pins and bushings for wear or deformation. \_\_\_\_\_

Inspect the boom foot pins, bushings, pin bosses, mounts and retainer pins for excessive wear or deformation. \_\_\_\_\_

Inspect the gantry, backlegs, counterweight support ears and bail arms (if so equipped) for cracks or deformation. \_\_\_\_\_

Insure all retaining pins for the counterweight and backlegs are properly secured. Check counterweight jack screws (if so equipped) for tightness. \_\_\_\_\_